**Task 13 (Read)**

Read the Lochner paper about pulse oxymetry and Inkjet Technologies

Study this table:

|  |  |  |
| --- | --- | --- |
| **Start Date** | **Task** | **Duration** |
| Now | Researching components and vendors | 3 weeks |
|  | Ordering Items | 1 day |
|  | Creating the control circuit | 4 days |
|  | Testing the sensors | 2 days |
|  | Making a built-in method of calibration. | 4 days |
|  | Microcontroller selection | 1 day |
|  | Power testing and selection | 2 days |
|  | building the light transmitter | 4 days |
|  | Building the detection circuit | 4 days |
|  | Pulse Oximeter Inspection Procedure | 1 week |
|  | Presentation | 2 days |

Visit these 4 links

* http://www.freescale.com/applications/medical-healthcare/health-and-wellness/pulse-oximetry:APLPOX
* http://www.microchip.com/pagehandler/en-us/promo/pulseoximeterdemo/home.html
* http://www.ti.com/solution/pulse-oximetry-diagram
* http://www.sigmaaldrich.com/materials-science/material-science-products.html?TablePage=9548901

Write (500 words):

* Discussion the current status of your technical efforts based on the outlined schedule above.
  + Difficulties with deciding on which product to purchase
  + Not enough experience with microcontroller development boards and no electrical engineers on duty

Write (500 words):

* Discussion the current status of your project management efforts based on the outlined schedule above.
  + Difficulties in estimating time
  + Difficulties in estimating budget